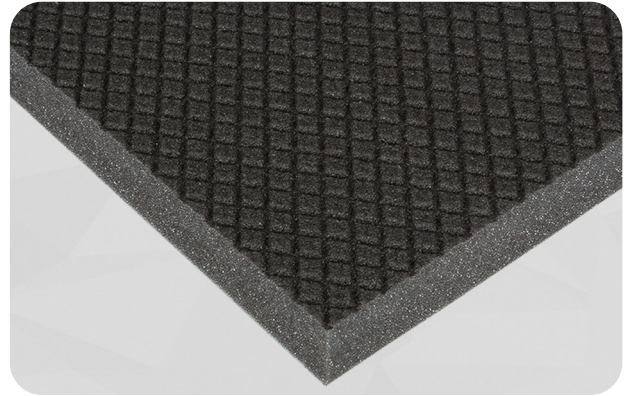


DATA SHEET

soni 471

- ▶ **soni 471** is a sound absorber made from PUR foam. In a thermal embossing process its surface has not only been provided with an attractive diamond pattern, but also compacted and sealed, making it very robust and dirt-resistant. What is more, the air-permeable embossing improves the material's acoustic effectiveness - especially in the frequency range of engine noise.
- ▶ **soni 471** is easy to cut to the desired size and shape with a carpet knife. Its low weight as well as the optional self-adhesive rear face make for easy and time-saving installation of the material.



TECHNICAL DATA

| | |
|--|--|
| FLAMMABILITY | <ul style="list-style-type: none"> ▶ Fulfills the strict fire safety standard for the automotive industry (FMVSS 302, DIN 75 200) ▶ ISO 3795, burning rate < 100 mm/min |
| TEMPERATURE RESISTANCE | ▶ -40°C to +100°C |
| THERMAL CONDUCTIVITY EN 12667 | ▶ ≤ 0.040 W/(m·K) at 10°C |

DIMENSIONS

| PRODUCT | THICKNESS / TOLERANCE [mm] | SHEETS / TOLERANCE [mm] | WEIGHT PER SHEET |
|---------|----------------------------|-------------------------|------------------|
| 471 | 10 ± 1 | 1000 X 500 ± 5 | 150 g |
| | 20 ± 1 | 1000 X 500 ± 5 | 300 g |

ADVICE

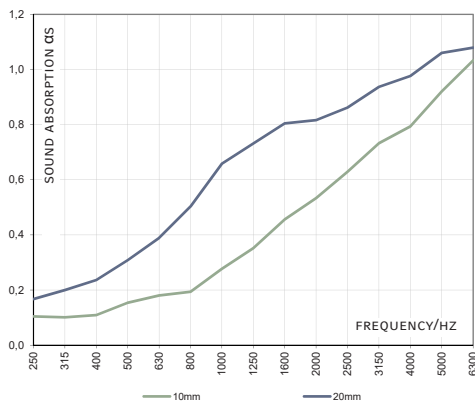
- ▶ For the application of all self-adhesive materials, the supporting surface has to be clean, dry and free from grease, oil, dust, solvents, and other release agents.

BENEFITS

- ▶ Excellent sound absorption values
- ▶ Largely resistant to oil, water and fuel
- ▶ Robust and resilient surface
- ▶ Attractive lozenge patterns
- ▶ Suitable for applications with relatively high humidity levels
- ▶ Free of halogens

REVERBERATION ROOM

- ▶ Based on DIN EN ISO 354



APPLICATIONS

- ▶ Our **soni 471** acoustic foam scores with high hydrolysis resistance and is predominantly used in the automotive industry. For instance, **soni 471** is ideally suited for use as sound-absorbing and heat-insulating interior lining in mobile homes, vintage and classic cars or other vehicles, machines as well as cogeneration units.



PLEASE SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

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